

WHAT IS CLAIMED IS:

1. A multi-directional grip switch lamp socket comprising:

An insulating body provided with an interior
5 hollow, said insulating body having two wire holes for inserting wires therein, two terminals positioned in said interior hollow and respectively facing to said two wire holes, one of said two terminals fixed on said lamp socket, an intermediate contact member positioned in
10 said interior hollow and on said insulating disc and extending in said lamp socket,

A rotatable member positioned in said interior hollow of said insulating body, having a large ratchet of insulating material formed on one side, a small ratchet
15 of insulating material formed on the other side, both said large and said small ratchet having an even number of ratchet teeth, a metal conductive member provided to fit around said large ratchet and having a half number of contact pieces as that of said large ratchet, said contact
20 pieces spaced apart equidistantly to cover intermittently the ratchet teeth of said large ratchet, the other of said two terminals and an elastic pressing plate of said intermediate contact member elastically urging the teeth surfaces of said large ratchet or said contact pieces of
25 said intermediate contact member:

A hooking member positioned in said interior

hollow of said insulating body and facing said small ratchet on the other side of said rotatable member:

A metal lamp socket firmly connected with said insulating body:,

5 An insulating disc positioned between said insulating body and said metal lamp socket:

A switch grip positioned laterally outside of said insulating body and connected interactively with said hooking member:

10 Said hooking member moved laterally toward said switch grip whenever said switch grip is pulled or bent or inclined to any direction once, said hooking member hooking said small ratchet and said large ratchet at the same time and also rotating the both for a set angle of
15 one eighth of 360 degrees or 45 degrees, one of said terminals and said elastic pressing plates of said intermediate contact member simultaneously contacting said contact strips of said conducting member to let current flow through from a cut off condition of the
20 switch, electric current cut off by said terminal and said elastic pressing members simultaneously contacting with the insulated teeth surfaces of said large ratchet from the turned-on condition of the switch by pulling or bending (inclining) said switch grip once more.

25 2. The multi-directional grip switch lamp socket as claimed in Claim 1, wherein said hooking member has a

through hole for a pull rod to pass through, and said switch grip has a hook, and said pull rod orderly extends through the hooking member, a spring, and a fix base and then connects with said hook of said switch grip, and
5 therefore, said switch grip can pull said hooking member to move laterally, and can permit the hooking member to recover its position after the switch grip is released.

2. The multi-directional grip switch lamp socket as claimed in Claim 1, wherein a guide ring is
10 provided between said fix base and said switch grip.